Office Action of May 19, 2005

**Amendments to the Claims:** 

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A seat structure including a back frame and a cushion frame

comprising:

a flat-type supporting member for a seat back supported by said back frame;

a tension adjusting mechanism for adjusting a tension of said flat-type supporting member

for the seat back; and

a flat-type supporting member for a seat cushion elastically supported by said cushion frame

separately from said flat-type supporting member for the seat back; wherein said tension adjusting

mechanism comprises:

a torsion bar disposed in a vicinity of a bottom end of said back frame along a width

direction of the back frame; and

a pelvis supporting plate composed of a plate member having predetermined width and

length, connectedly disposed with said torsion bar, positioned in a rear of a pelvis of a seated person,

and enforced in a direction pushed forward in a normal state, said flat-type supporting member for

the seat back is engaged with a vicinity of a bottom end of said pelvis supporting plate at a bottom

end thereof, and strained vertically on said back frame by an elastic force of said torsion bar;

wherein said flat-type supporting member for the seat cushion is engaged with a front frame

forming said cushion frame at a front end portion thereof, and elastically supported by a rear frame

forming said cushion frame via spring members at a rear end portion thereof, and the spring

members act as a tension adjusting mechanism of the flat-type supporting member for the seat

cushion;

2

Appl. No. 10/767,090

Response dated August 9, 2005

Office Action of May 19, 2005

wherein a first band member for the seat cushion is provided in layers at nearly central

portion from front to back along a width direction on a back face of said flat-type supporting member

for the seat cushion, and connected to a vicinity of one side portion of the flat-type supporting

member for the seat cushion at one end, and engaged with a side frame corresponding to an other

side portion of the flat-type supporting member for the seat cushion at an other end;

wherein a second band member for the seat cushion is provided in layers in the vicinity of

one side portion of said flat-type supporting member for the seat cushion in a direction from front

to back, and connected to a vicinity of the front portion of the flat-type supporting member for the

seat cushion at least at one end and engaged with the rear frame at an other end, so that a setting

height of the flat-type supporting member for the seat cushion is maintained at a predetermined

height.

2. Canceled.

3. (Currently Amended) The seat structure according to claim 2 1, wherein said torsion bar

is connected to the vicinity of the bottom end of said pelvis supporting plate.

4. (Currently Amended) The seat structure according to claim  $\frac{1}{2}$ , wherein said pelvis

supporting plate is formed in a curved shape protruding backward at nearly central portion thereof

in the width direction.

5. (Currently Amended) The seat structure according to claim  $\frac{1}{2}$ , wherein at least a portion

of said pelvis supporting plate is formed of synthetic resin, a three-dimensional net member, a two-

dimensional net member, or rubber.

3

Response dated August 9, 2005

Office Action of May 19, 2005

6. (Previously Presented) The seat structure according to claim 1, wherein coil springs are

provided between respective side portions corresponding to a waist portion of a seated person on said

flat-type supporting member for the seat back and respective side frames forming said back frame

to pull the respective side portions corresponding to the waist portion toward respective side frames.

7. (Previously Presented) The seat structure according to claim 1, wherein a fabric spring is

connected to an upper end of said flat-type supporting member for the seat back and hung on an

upper frame forming said back frame and an end portion of the fabric spring is fixed to the flat-type

supporting member for the seat back on a back face side.

8. (Canceled)

9. (Currently Amended) The seat structure according to claim \(\frac{1}{2}\), wherein said spring member

is a coil spring or a torsion bar connected to a rear end portion of said flat-type supporting member

for the seat cushion and supported by a rear frame forming said cushion frame.

- 10. (Canceled)
- 11. (Canceled)
- 12. (Canceled)
- 13. (Canceled)

Response dated August 9, 2005

Office Action of May 19, 2005

14. (Currently Amended) The seat structure according to claim 13 1, wherein the setting height

of one side portion of said flat-type supporting member for the seat cushion is higher than that of one

side frame corresponding to one side portion of the flat-type supporting member for the seat cushion,

owing to being supported by said second band member for the seat cushion.

15. (Withdrawn) The seat structure according to claim 2 1, wherein a band member for the seat

back to enhance a feeling of support in the a vicinity of the a body side is disposed on the a back face

side of said flat-type supporting member for the seat back without being joined to the flat-type

supporting member for the seat back.

16. (Withdrawn) The seat structure according to claim 15, wherein said band member for the

seat back is composed including a vertical band member provided along the a body side, being

connected to the an upper frame of the a back frame at the an upper end and to said pelvis supporting

plate at the a bottom end respectively.

17. (Withdrawn) The seat structure according to claim 16, wherein said band member for the

seat back further includes a lateral band member connected to the side frame of the back frame along

the <u>a</u> width direction in the <u>a</u> vicinity corresponding to the <u>a</u> waist portion.

18. (Original) The seat structure according to claim 1, wherein said flat-type supporting member

for the seat back and the flat-type supporting member for the seat cushion are composed of a two-

dimensional net member or a three-dimensional net member.